

liquid medium.

Please add claim 27

27. A composition comprising a tagged peptide ligand of 5-12 mers known to bind to spores from B. anthracis and a sample suspected of containing spores which will bind to said peptide ligand.

A clean copy of the claims is provided herewith.

It is respectfully requested that the amendment be entered into the file.

Respectfully submitted,


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CLEAN COPY OF THE CLAIMS

11. A composition of claim 22 wherein the solid support is a polymeric support.

12. A composition of claim 22 wherein the solid support forms a filter.

13. A composition of claim 22 wherein the solid support is a tape or sponge.

21
18. A composition of claim 27 wherein the peptide ligand is in a liquid medium.

22
22. The composition of claim 27 containing a tagged peptide ligand which binds with specificity to the surface of a B. anthracis spore, said ligand being bound to a solid support.

22
23. The composition of claim 27 wherein the tagged peptide of 5-12 mers binds to a B. anthracis spore, said peptide containing either the sequence Thr-Ser-Gln-Asn-Val-Arg-Thr (TSQNVRT) (Seq. ID No. 40) or a sequence of the general formula Thr-Tyr-Pro-X-Pro-X-Arg (TYPXPXR), wherein X is Ile, Val or Leu.

23
24. The composition of claim 23 wherein the tagged peptide of 5-12 mers contains the sequence Thr-Ser-Gln-Asn-Val-Arg-Thr

(TSQNVRT) (Seq. ID No. 40).

25. The composition of claim 23 wherein the tagged peptide of 5-12 mers contains at least one sequence chosen from among Thr-Tyr-Pro-Ile-Pro-Ile-Arg (TYPPIPIR) (Seq. ID No. 41), Thr-Tyr-Pro-Ile-Pro-Phe-Arg (TYPPIPFR) (Seq. ID No. 42), and Thr-Tyr-Pro-Val-Pro-His-Arg (TYPVPHR) (Seq. ID No. 43).

26. The composition of claim 23 wherein the peptide ligand is in a liquid medium.

27. A composition comprising a tagged peptide ligand of 5-12 mers known to bind to spores from B. anthracis and a sample suspected of containing spores which will bind to said peptide ligand.